



THE 10TH ANNUAL

AP[®] Report to the Nation

STATE SUPPLEMENT
FEBRUARY 11, 2014

Colorado

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About This Report

This report provides educators and policymakers with information they can use to celebrate their successes, understand their unique challenges, and set meaningful goals to increase opportunity for all students. It's important to note that while AP® Exams are valid measures of students' content mastery of college-level studies in specific academic disciplines, AP results should never be used as the sole measure for gauging educational excellence and equity.

Because reliable demographic data for nonpublic schools are not available for all states, this report represents public school students only. Additionally, this report looks at students' entire experience with AP—tracking exams taken by graduates throughout their high school careers—as opposed to reporting exam results from a particular calendar year.

Additional data are available at apreport.collegeboard.org.

Note: Throughout this report, public high school graduates represent projections supplied in *Knocking at the College Door* (Western Interstate Commission for Higher Education, 2012).

The redesigned courses, Biology, Latin, and Spanish Literature and Culture, began in fall 2012, and the first AP Exam based on those redesigned courses was administered in May 2013. As a result, the data in this report reflect a blend of the old and redesigned exam results.

Colorado has made progress in recent years in improving student access and supporting student performance in AP®. Just as we do in the national report, we wanted to take an opportunity to applaud your efforts and offer additional strategies for your consideration.

Current Picture

Congratulations. You are already using these strategies to build a robust AP Program. You:

- ✓ Celebrate the 4 districts that have earned a spot on the AP Honor Roll through their hard work and dedication to increasing participation and success in AP, particularly for underrepresented students. *See page 5 for more details.*
- ✓ Encourage your educators to participate in the development of the AP Program, such as by becoming AP Exam Readers or participating in course and exam development committees. *See page 5 for more details.*
- ✓ Are, with the Colorado Legacy Foundation, dramatically increasing enrollment in Advanced Placement® math, science, and English courses throughout the state in 14 partner high schools represented in 9 Colorado School Districts.

Opportunities

The following strategies have been proven effective. To build an even stronger AP program, you could:

- Include AP in the state accountability system.
 - Establish AP participation and performance indicators.
 - Set clear, measurable statewide goals toward improvement.
- Ensure that public colleges and universities develop AP Exam credit and placement policies based on institutional goals, alignment with corresponding courses, and objective outcomes research.
- Create opportunities for other schools and districts to learn from your AP Honor Roll winners.
- Provide funding for teachers in underserved areas of the state to participate in professional development.
- Provide targeted assistance and resources to schools serving traditionally underserved populations. For example, funding for materials, supplies, outreach efforts, and tutoring programs.
- Communicate how AP fits into state graduation requirements, and share information about funding opportunities that enable students to participate and succeed in AP.
- Develop policies that allow AP course work and exam scores for sophomores and juniors to substitute for statewide graduation requirements and/or end-of-course assessments.
- Provide resources to schools and districts to support research-based programs that build content knowledge and skills—particularly in literacy and math—to prepare students for success in AP course work, and in college and careers.
- Participate in the Expedited AP data program, which provides states with their AP student data on an earlier time frame, free of charge, by using a standardized data agreement and file format.
- Provide resources and/or develop partnerships that expand AP opportunities for students in underserved districts where schools provide limited AP course opportunities for students.
- Provide resources and/or develop partnerships that expand AP STEM opportunities for female and minority students.

Highlights

The following information dives a little deeper into the details of your efforts.

Participation in the Development of AP

2013 Reading participants—Total: **286**

Colorado represents **2.5% of all Readers**

- AP High School Teachers: **194**
- College and University Faculty: **92**

2013 AP Professional Development Leaders—Total: **24**

2013 AP Development Committee Members—Total: **8**

Human Geography	Cherry Creek High School
U.S. Government and Politics	Cherry Creek High School
Music Theory	Fossil Ridge High School
Computer Science	Metropolitan State College of Denver
Art History	University of Colorado, Boulder
Biology	University of Colorado
Art History	University of Denver
English Literature and Composition	U.S. Air Force Academy

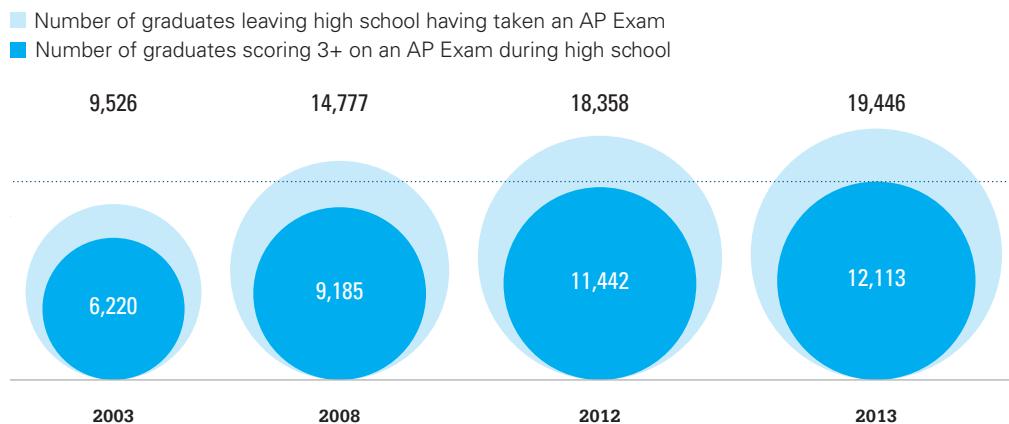
The AP Honor Roll

The AP Honor Roll recognizes and honors those outstanding school districts that simultaneously increase access to Advanced Placement course work while increasing the percentage of students earning scores of 3 or higher on AP Exams. Achieving both of these goals is the ideal scenario for a district's AP program because it indicates that the district is successfully identifying motivated, academically prepared students who are likely to benefit most from rigorous AP course work.

4th Annual Honor Roll Districts in Colorado: **4**

Denver Public Schools
Gunnison Watershed School District RE1J
Lewis-Palmer School District #38*
Telluride School District R-1

FIGURE 1 Growth in AP® Participation and Success

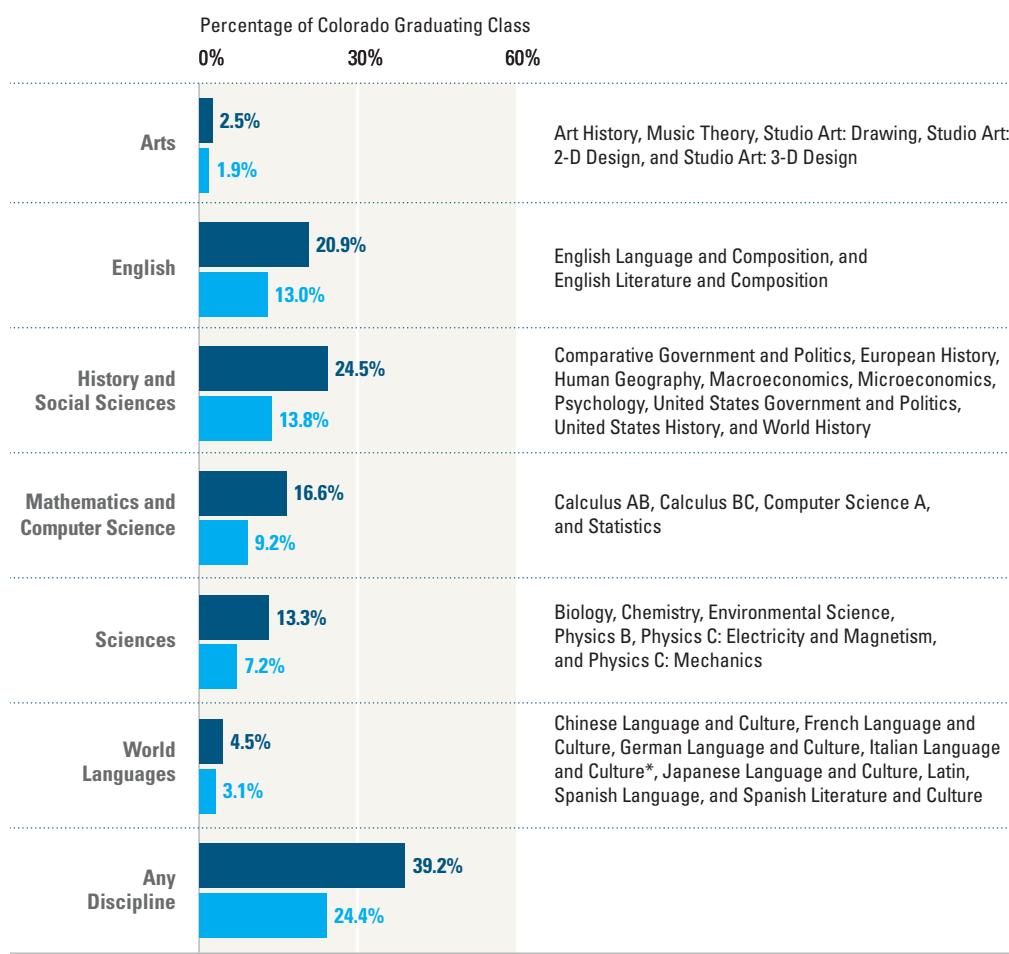


More graduates

are succeeding on AP Exams today than took them in 2003

FIGURE 2 Participation in and Success on AP Exams in the Class of 2013

- Percentage of graduates leaving high school having taken an AP Exam
- Percentage of graduates scoring 3+ on an AP Exam during high school

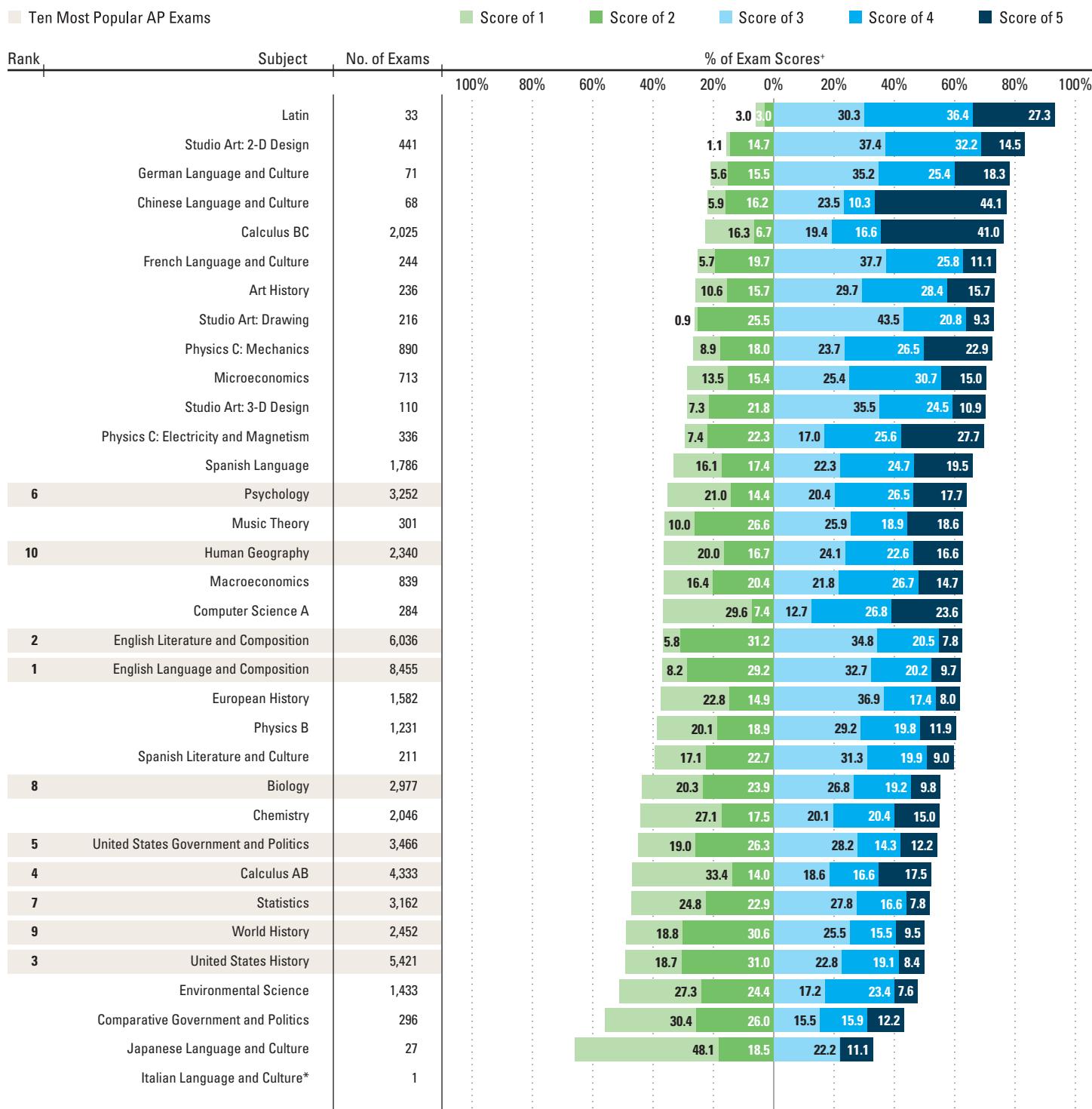


History and Social Sciences

had the greatest number of students achieving a score of 3 or higher

* AP Italian Language and Culture was discontinued after the 2008-09 school year, and was reinstated in 2011-12.

FIGURE 3 Score Distributions of AP Exams Taken by the Class of 2013 During High School



* Due to rounding, percentages do not always add up to 100.0.

* AP Italian Language and Culture was discontinued after the 2008-09 school year, and was reinstated in 2011-12.

Subjects with fewer than five AP Exam takers were omitted from this figure.

Low Income

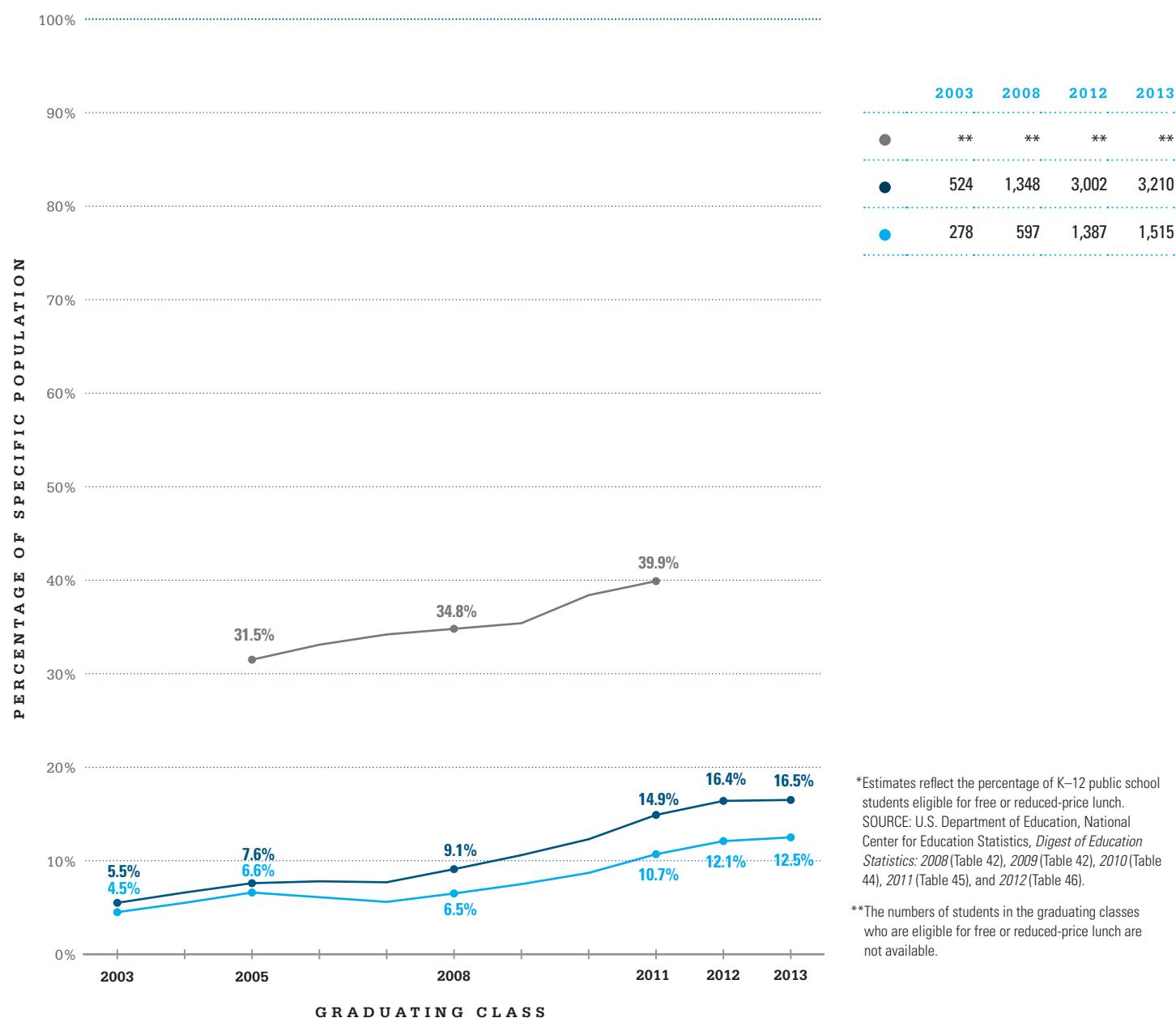
FIGURE 4 Trends in AP Exam Participation and Success

The percentage or number of ...

- K-12 students eligible for free or reduced-price lunch*
- graduates leaving high school having taken an AP Exam who are from low-income backgrounds
- graduates scoring 3+ on an AP Exam during high school who are from low-income backgrounds

8,238

AP Exams were taken by low-income graduates in the class of 2013



Black/African American

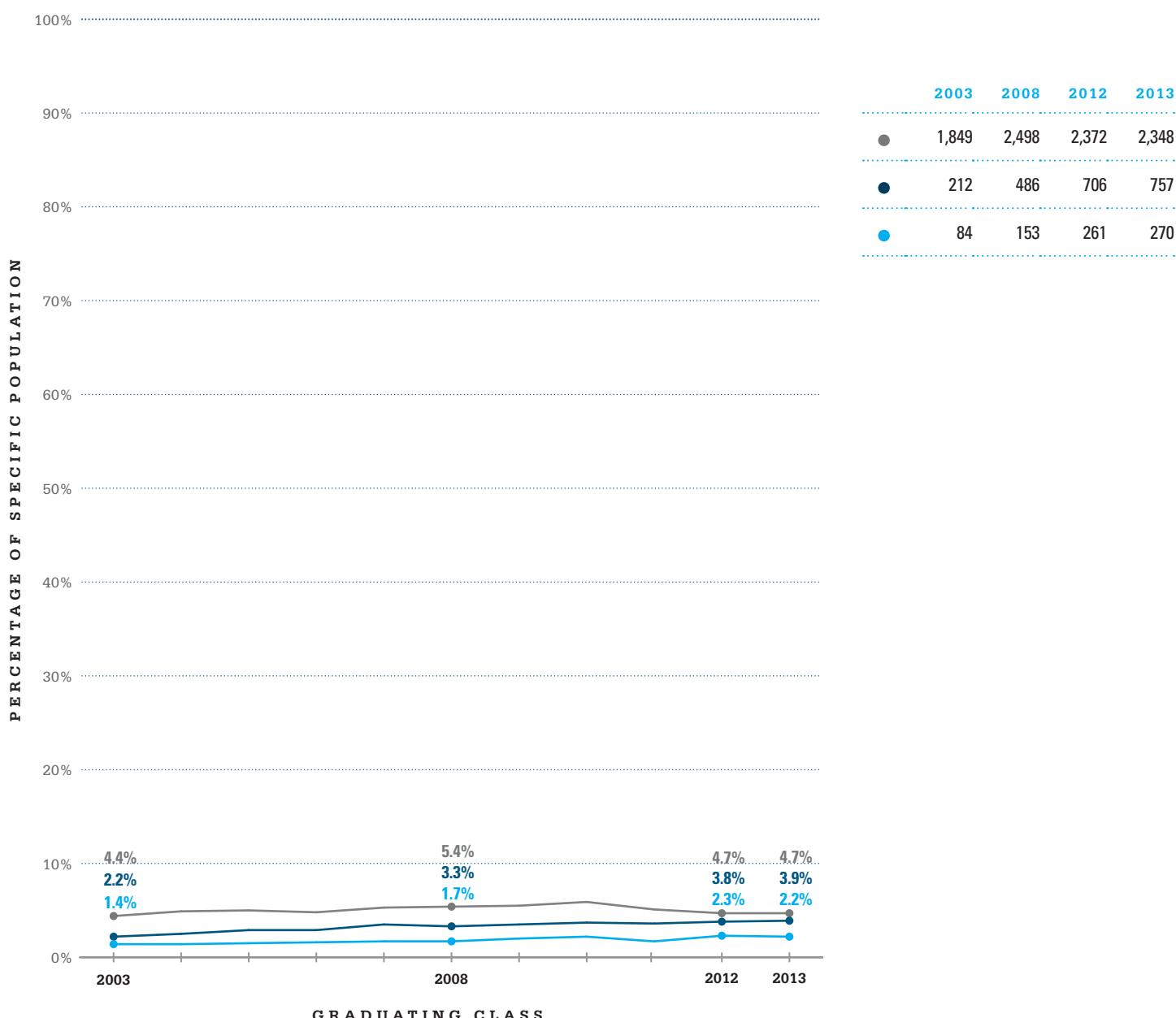
FIGURE 5 Trends in AP Exam Participation and Success

The percentage or number of ...

- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are black/African American

757

black/African American graduates in the class of 2013 took an AP Exam during high school



Hispanic/Latino

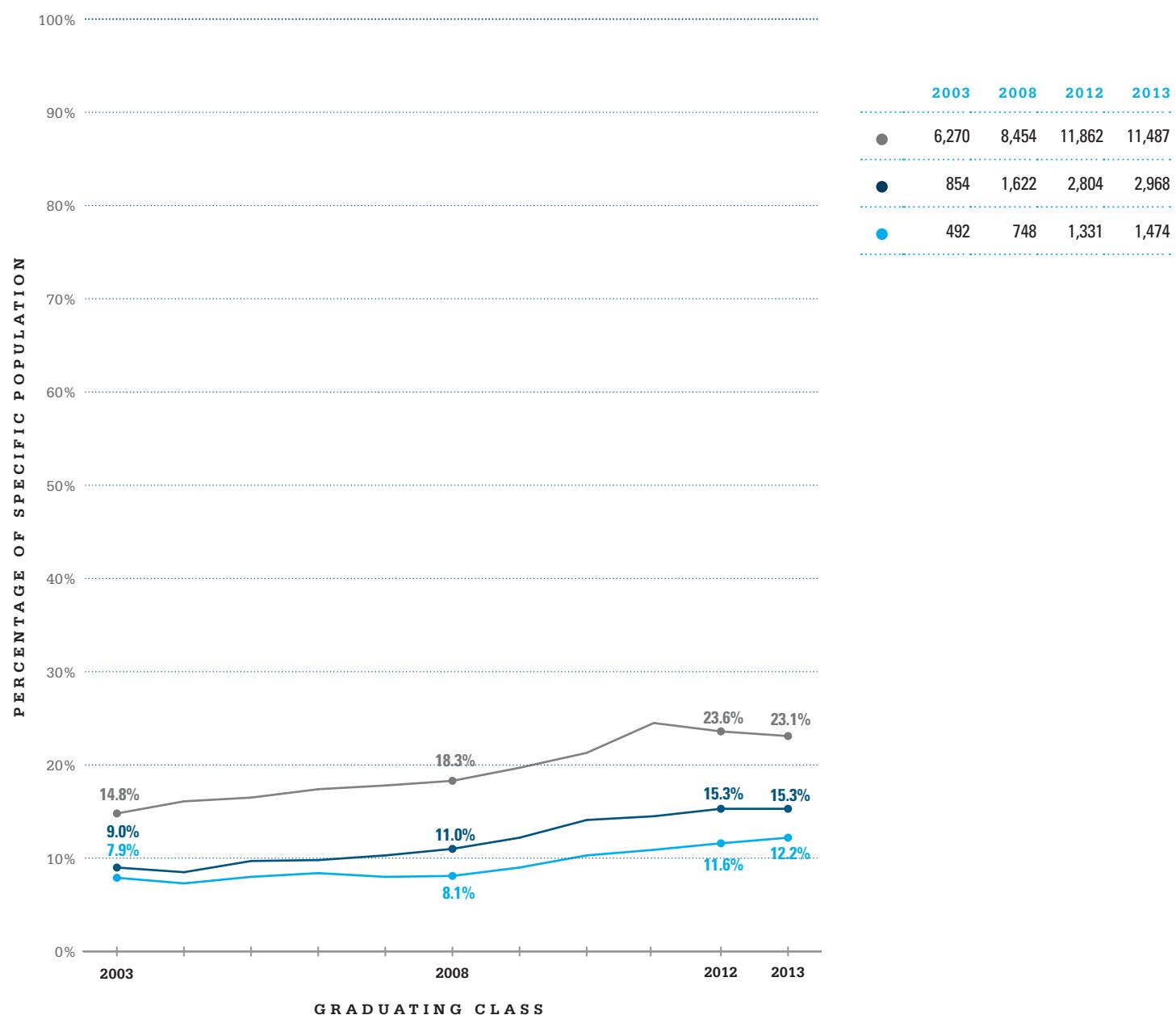
FIGURE 6 Trends in AP Exam Participation and Success

The percentage or number of ...

- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Hispanic/Latino

2,968

Hispanic/Latino graduates in the class of 2013 took an AP Exam during high school

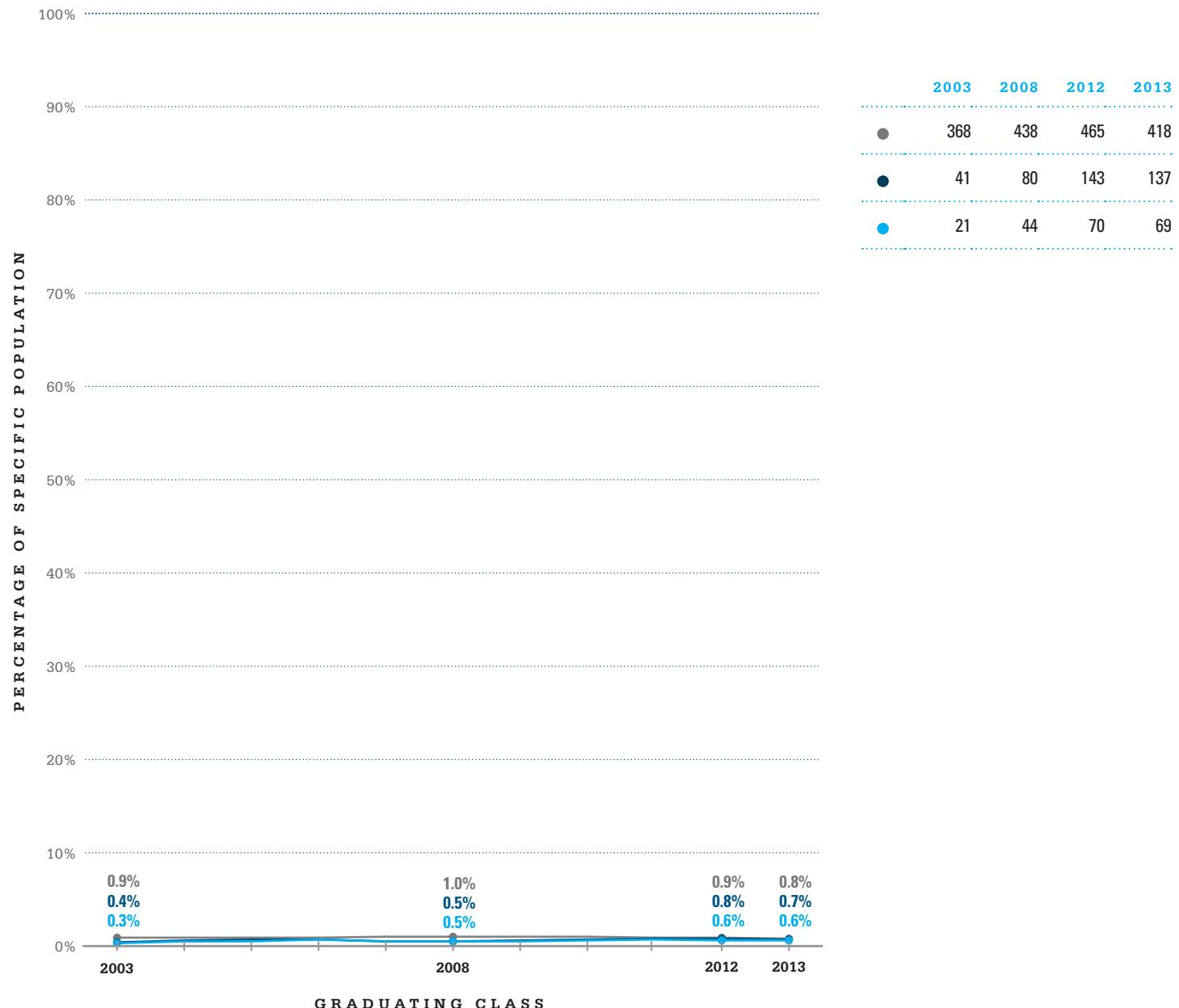


American Indian/ Alaska Native

FIGURE 7 Trends in AP Exam Participation and Success

The percentage or number of ...

- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are American Indian/Alaska Native



Asian/Asian American/ Pacific Islander

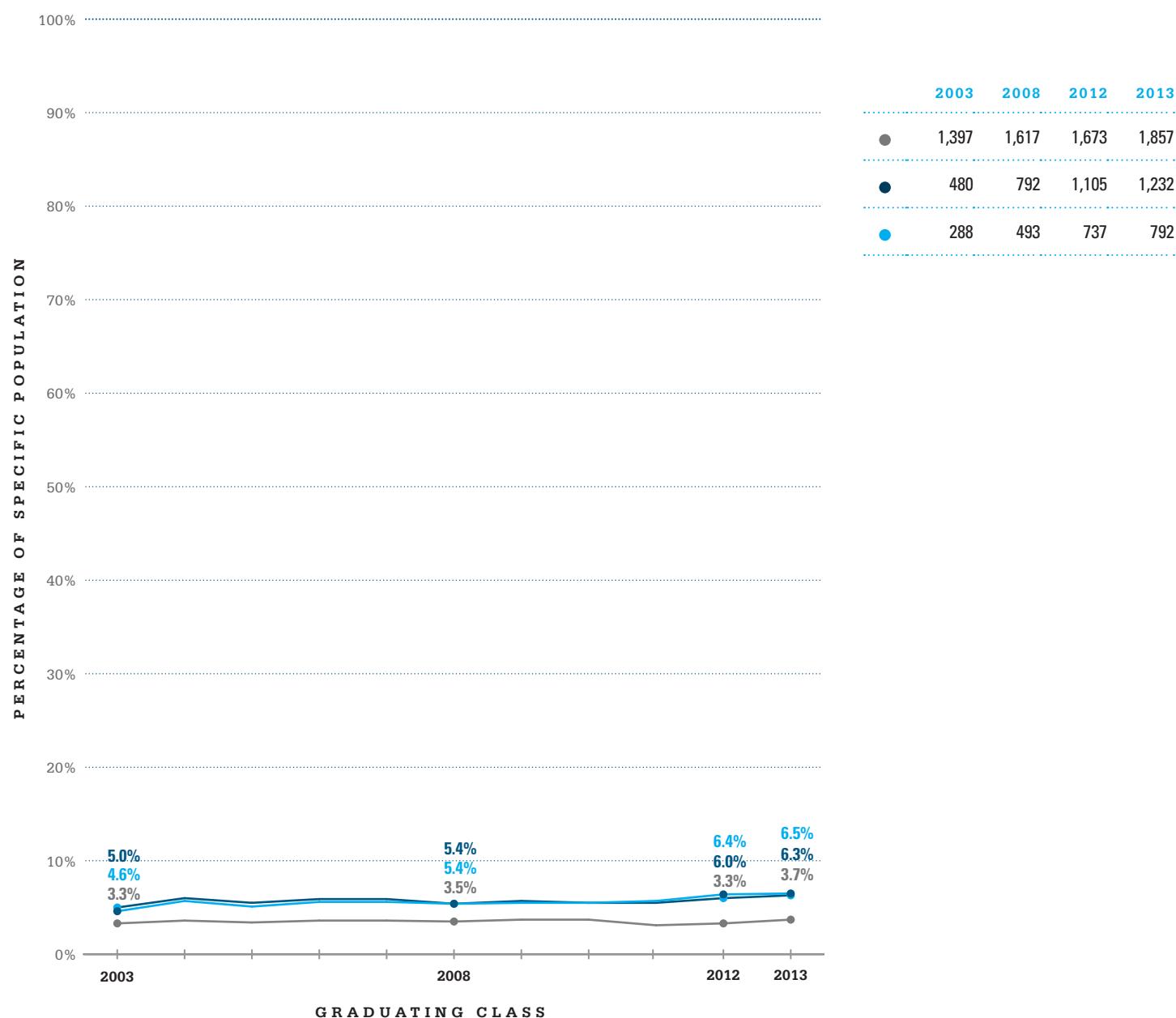
FIGURE 8 Trends in AP Exam Participation and Success

The percentage or number of ...

- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are Asian/Asian American/Pacific Islander

1,232

Asian/Asian American/Pacific Islander
graduates in the class of 2013 took an
AP Exam during high school

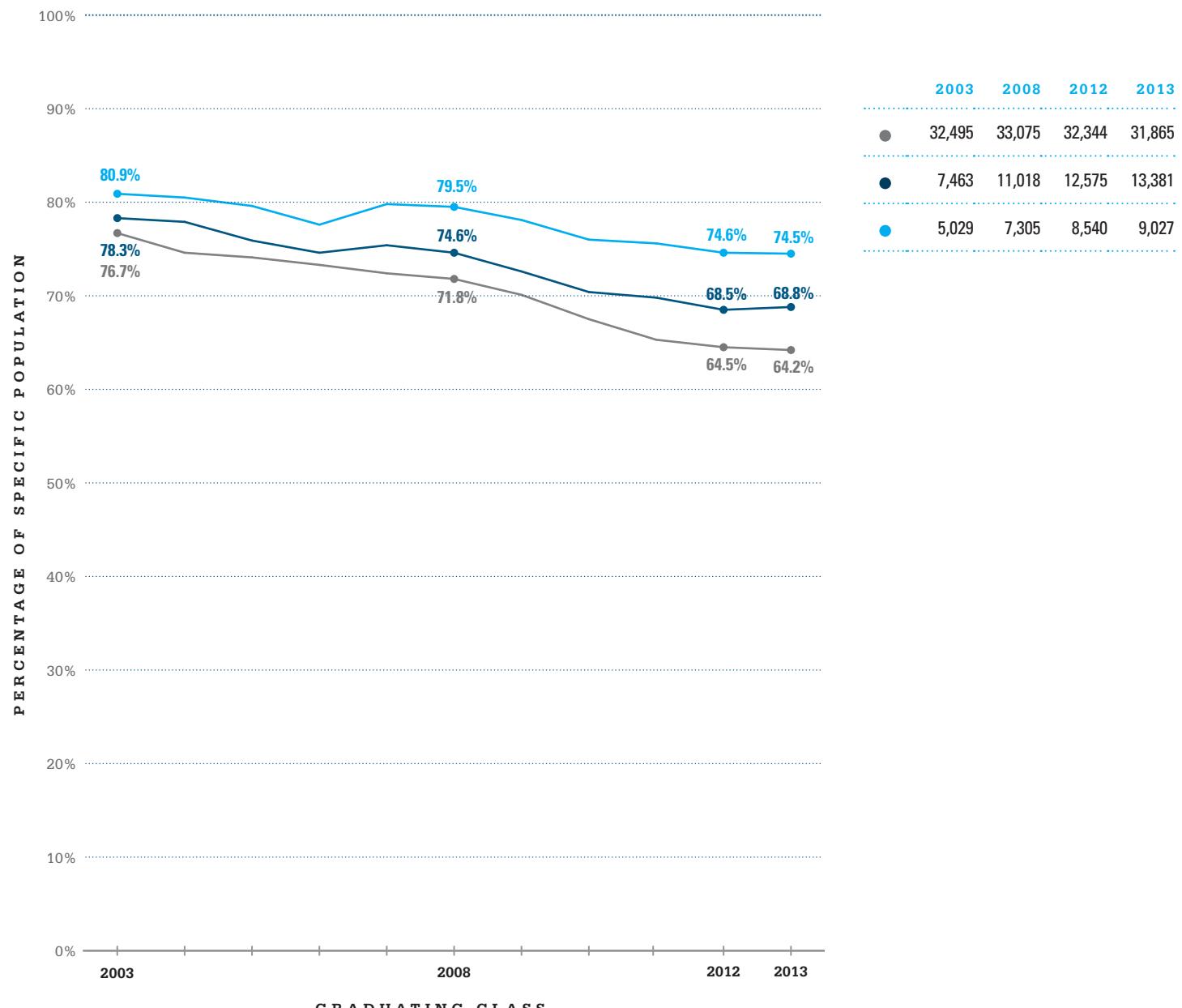


White

FIGURE 9 Trends in AP Exam Participation and Success

The percentage or number of ...

- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
- ... who are white





ABOUT THE COLLEGE BOARD

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